

Wednesday, October 22, 2008

Exide Technologies

James A. Messer

P.O. Box 250

Frisco, TX 75034

Tel: (972) 335-2121 Fax: (972) 377-2707

Re: Project Name: Free Flow 100 Treated Slag Samples

Oxidor received 4 solid sample(s). The analysis performed were as follows:

<u>Sample</u>	<u>Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Analysis</u>
0810245-001	FF100-FS-3-148 a	Solid	10/2/2008	TCLP Lead, TCLP Non-volatile Extraction
0810245-002	FF100-FS-3-163 a	Solid	10/6/2008	TCLP Lead, TCLP Non-volatile Extraction
0810245-003	FF100-FS-3-148 b	Solid	10/2/2008	TCLP Lead, TCLP Non-volatile Extraction

Respectfully submitted,



Charles Brungardt

President

Exide Technologies
James A. Messer

Analytical Report

Project Name: **Free Flow 100 Treated Slag Samples**

Customer Sample ID: **FF100-FS-3-148 a**

Oxidor Sample ID: 0810245-001

Sample Received: 10/14/2008

Matrix: **Solid**

Sample Collected: **10/2/2008**

Parameter	MQL	SQL	Result	Units	Date Analyzed	Method	Analyst	Flags
Sample Prep								
TCLP Non-volatile Extraction								
TCLP Extraction					10/16/08 15:45	1311	T.M.	
Metals								
<i>Digested by method 3005A on 10/17/08 at 10:30</i>								
TCLP Lead	0.05	1.03	9.59	mg/L	10/17/08 19:41	6020	K.O.	D-1

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Analytical Report

Project Name: **Free Flow 100 Treated Slag Samples**

Customer Sample ID: **FF100-FS-3-163 a**

Oxidor Sample ID: 0810245-002

Sample Received: 10/14/2008

Matrix: **Solid**

Sample Collected: **10/6/2008**

Parameter	MQL	SQL	Result	Units	Date Analyzed	Method	Analyst	Flags
Sample Prep								
TCLP Non-volatile Extraction								
TCLP Extraction					10/16/08 15:45	1311	T.M.	
Metals								
<i>Digested by method 3005A on 10/17/08 at 10:30</i>								
TCLP Lead	0.05	1.03	41.7	mg/L	10/17/08 19:53	6020	K.O.	D-1

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Analytical Report

Project Name: **Free Flow 100 Treated Slag Samples**

Customer Sample ID: **FF100-FS-3-148 b**

Oxidor Sample ID: 0810245-003

Sample Received: 10/14/2008

Matrix: **Solid**

Sample Collected: **10/2/2008**

Parameter	MQL	SQL	Result	Units	Date Analyzed	Method	Analyst	Flags
Sample Prep								
TCLP Non-volatile Extraction								
TCLP Extraction					10/16/08 15:45	1311	T.M.	
Metals								
<i>Digested by method 3005A on 10/17/08 at 10:30</i>								
TCLP Lead	0.05	0.050	5.65	mg/L	10/17/08 19:59	6020	K.O.	

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Sample Cross Reference

Project Name: **Free Flow 100 Treated Slag Samples**

Customer ID:	Lab ID:	Test	Method	QCBatchID:
FF100-FS-3-148 a	0810245-001	TCLP Lead	6020	META_03422_L
FF100-FS-3-163 a	0810245-002	TCLP Lead	6020	META_03422_L
FF100-FS-3-148 b	0810245-003	TCLP Lead	6020	META_03422_L

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QC Summary

Project Name: **Free Flow 100 Treated Slag Samples**

QC Type	Parameter	Result	Reference Value	Spike Conc	Rec	Rec Limits	RPD	RPD Limits	Flags
QCBatchID META_03422_L									
Blank	TCLP Lead	ND mg/L							
LCS	TCLP Lead	0.096 mg/L		0.1 mg/L	96%	85-115%			
LCSD	TCLP Lead	0.097 mg/L		0.1 mg/L	97%	85-115%	0.8%	0-20%	
MS	TCLP Lead	0.505 mg/L	ND	0.5 mg/L	101%	80-120%			
MSD	TCLP Lead	0.504 mg/L	ND	0.5 mg/L	101%	80-120%	0.1%	0-20%	

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Case Narrative

Project Name: **Free Flow 100 Treated Slag Samples**

D-1	Elevated reporting limit(s) due to dilution. Dilution resulted from sample matrix interference, high target analyte(s), high non-target analyte(s) or a combination thereof.
ppm	Parts per million = mg/Kg or mg/L
ppb	Parts per billion = ug/Kg or ug/L
MQL	Method quantitation limit
SDL	Sample detection limit (reflects any laboratory adjustments made to the sample during analysis such as dry weight or dilutions)
ND	Analyte not detected at or above SDL
LCS/LCSD	Laboratory control spike / Laboratory control spike duplicate
MS/MSD	Matrix spike / Matrix spike duplicate
RPD	Relative percent difference
Sub	Analysis performed by subcontract laboratory

Solid sample results reported on a dry weight basis for all applicable analysis, unless otherwise noted. Dry weight calculations based upon % solids obtained as outlined in EPA method 5035 section 7.5

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Oxidor Laboratories, LLC certifies to the best of its knowledge that all results contained in this report are consistent with the National Environmental Laboratory Accreditation Program, except where otherwise noted.

Exide Technologies

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Sample Preservation Verification

Project Name: **Free Flow 100 Treated Slag Samples**Receipt temp: **1.0 °C on Ice**All applicable VOA's received free of headspace: **N/A**Receipt method: **Additional Analysis**Custody seal intact: **Not Present**All samples / labels received intact: **Yes**Customer Sample ID: **FF100-FS-3-148 a**Collected By: **Roberto Romero**Oxidior Sample ID: **0810245-001**Collector Affiliation: **Exide Technologies**Collected: **10/02/08**Matrix: **Solid**

<u>Bottle Type</u>	<u>Count</u>	<u>Collection Method</u>	<u>Parts / Interval</u>	<u>Indicated Preservation</u>	<u>pH</u>
Customer Container	1	Grab		Temp	-

Customer Sample ID: **FF100-FS-3-163 a**Collected By: **Roberto Romero**Oxidior Sample ID: **0810245-002**Collector Affiliation: **Exide Technologies**Collected: **10/06/08**Matrix: **Solid**

<u>Bottle Type</u>	<u>Count</u>	<u>Collection Method</u>	<u>Parts / Interval</u>	<u>Indicated Preservation</u>	<u>pH</u>
Customer Container	1	Grab		Temp	-

Customer Sample ID: **FF100-FS-3-148 b**Collected By: **Roberto Romero**Oxidior Sample ID: **0810245-003**Collector Affiliation: **Exide Technologies**Collected: **10/02/08**Matrix: **Solid**

<u>Bottle Type</u>	<u>Count</u>	<u>Collection Method</u>	<u>Parts / Interval</u>	<u>Indicated Preservation</u>	<u>pH</u>
Customer Container	1	Grab		Temp	-

Customer Sample ID: **FF100-FS-3-163 b**Collected By: **Roberto Romero**Oxidior Sample ID: **0810245-004**Collector Affiliation: **Exide Technologies**Collected: **10/06/08**Matrix: **Solid**

<u>Bottle Type</u>	<u>Count</u>	<u>Collection Method</u>	<u>Parts / Interval</u>	<u>Indicated Preservation</u>	<u>pH</u>
Customer Container	1	Grab		Temp	-

Sample conditions at time of receipt at laboratory verified in part or in whole by:

V.F.



Chain of Custody

PROJECT DESCRIPTION: **Free Flow 100 Treated Slag Samples**

EXIDE
TECHNOLOGIES
7471 Fifth Street
Frisco, TX 75034
Phone: 972.335.2121
Fax: 972.335.2121

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Frisco, TX 75034
Phone: 972.335.2121
Fax: 972.335.2121

CHAIN OF CUSTODY RECORD

INDUSTRY: EXIDE Technologies	OUTFALL: N/A	SAMPLER: Roberto Romero
ADDRESS: 7471 Fifth Street Frisco, Texas 75034	NATURE OF INDUSTRY: Secondary Smelting	REPRESENTING: EXIDE Technologies
INDUSTRY REPRESENTATIVE (S): James A. Vance		SIGNATURE:

SAMPLE No. / IDENTIFICATION	DATE (D)	TIME (D)	SAMPLE TYPE **	ANALYSES REQUESTED	pH	DATE TIME	INITIALS	REMARKS/CONTAINERS ALL SAMPLES COOL < 6° C	INITIALS
FF100-FS-3-148	10/02/08		G	TCLP Pb				0810138 081	
FF100-FS-3-149	10/02/08		G	TCLP Pb				-002	
FF100-FS-3-150	10/02/08		G	TCLP Pb				-003	
FF100-FS-3-151	10/02/08		G	TCLP Pb				-004	
FF100-FS-3-152	10/02/08		G	TCLP Pb				-005	
FF100-FS-3-153	10/02/08		G	TCLP Pb				-006	
FF100-FS-3-154	10/02/08		G	TCLP Pb				-007	

FIELD INFORMATION: FREE FLOW 100 TREATED SLAG SAMPLES / SAMPLES MANUALLY COLLECTED

E-MAIL RESULTS TO JAMMES11@FLASH.NET

ANALYZED BY: (Signature)	DATE: 10/18/08	TIME: 10:00 AM	RECEIVED BY: (Signature)	DATE: 10/22/08	TIME: 10:10 AM
RELINQUISHED BY: (Signature)	DATE: 10/17/08	TIME: 11:45 AM	RECEIVED BY: (Signature)	DATE: 10/22/08	TIME: 11:45 AM
RELINQUISHED BY: (Signature)	DATE: 10/15/08	TIME: 11:45 AM	RECEIVED BY: (Signature)	DATE: 10/22/08	TIME: 11:45 AM

** TC = TIME COMPOSITE FC = FLOW WEIGHTED COMPOSITE G = GRAB



Chain of Custody

PROJECT DESCRIPTION: Free Flow 100 Treated Slag Samples

EXIDE
TECHNOLOGIESP.O. Box 218
Frisco, TX 75034
Telephone 972-335-3121
Facsimile 972-377-2707

CHAIN OF CUSTODY RECORD

INDUSTRY: EXIDE Technologies	OUTFALL: N/A	SAMPLER: Cassette Box
ADDRESS: 7471 FFB Street Frisco, Texas 75034	NATURE OF INDUSTRY: Secondary Smelting	REPRESENTING: EXIDE Technologies
INDUSTRY REPRESENTATIVE (S): James A. Meiser		SIGNATURE:

SAMPLE No. / IDENTIFICATION	DATE (S)	TIME (S)	SAMPLE TYPE**	ANALYSIS REQUESTED	pH	DATE TIME	INITIALS	PRESERVATION/ REMAINS/CONTAINERS ALL SAMPLES COOL 5.6° C	INITIALS
FF100-FS-3-158	10/06/08		G	TCLP Pb				0810135-04	
FF100-FS-3-159	10/06/08		G	TCLP Pb				-0.2	
FF100-FS-3-160	10/06/08		G	TCLP Pb				-0.3	
FF100-FS-3-161	10/06/08		G	TCLP Pb				-0.4	
FF100-FS-3-162	10/06/08		G	TCLP Pb				-0.5	
FF100-FS-3-163	10/06/08		G	TCLP Pb				-0.6	

FIELD INFORMATION: FREE FLOW 100 TREATED SLAG SAMPLES / SAMPLES MANUALLY COLLECTED

E-MAIL RESULTS TO JAMMES1@FLASHNET

RELINQUISHED BY: (Signature)	REPRESENTING	DATE	TIME	RECEIVED BY: (Signature)	REPRESENTING	DATE	TIME
<i>[Signature]</i>	EXIDE	10/16/08	11:14 AM	<i>[Signature]</i>	JUSTICE COURIER	10/18/08	10:10 AM
RELINQUISHED BY: (Signature)	REPRESENTING	DATE	TIME	RECEIVED BY: (Signature)	REPRESENTING	DATE	TIME
<i>[Signature]</i>	JUSTICE COURIER	10/16/08	11:45 AM	<i>[Signature]</i>	OXIDOR	10/18/08	11:45 AM
RELINQUISHED BY: (Signature)	REPRESENTING	DATE	TIME	RECEIVED BY: (Signature)	REPRESENTING	DATE	TIME

** TC = TIME COMPOSITE FC = FLOW WEIGHTED COMPOSITE G = GRAB

Chain of Custody

PROJECT DESCRIPTION: **Free Flow 100 Treated Slag Samples**

FW: Exide - TCLP

Page 1 of 1

Homer Youngblood

0810245

From: Homer Youngblood
Sent: Thursday, June 12, 2008 2:17 PM
To: CustomerService
Cc: Inorganic
Subject: FW: Exide - TCLP

I spoke with James Messer about the TCLP re-runs. He requested that we affix an identifier of -a to any samples that are reran. If the reruns are not in agreement with the first set of analysis they will need to be resubmitted with a -b identifier, etc.

James said that he wanted to see each of the analysis results reported and that he did not want a mean reported.

Homer Youngblood
Customer Service Manager
OXIDOR Laboratories, LLC
972-424-6422
972-424-6508 Fax
hyoungblood@oxidor.com
www.oxidor.com

-----Original Message-----

From: Charles Brungardt
Sent: Thursday, May 22, 2008 9:37 AM
To: CustomerService
Cc: Inorganic
Subject: Exide - TCLP

James said to rerun any TCLP that is greater than 0.75ppm for lead.

Charles Brungardt

President

OXIDOR Laboratories, LLC
1825 E. Plano Parkway, Suite 160
Plano, TX 75074
972.424.6422
www.oxidor.com

10/21/2008